

## Earth Materials

### 1-4 The student will demonstrate an understanding of the properties of Earth materials. (Earth Science)

#### 1.4.2 Classify rocks and sand by their physical appearance.

**Taxonomy level:** 2.3-A Classify Factual Knowledge

**Previous/Future knowledge:** This is a foundational concept that students will develop further in future grades. In 3<sup>rd</sup> grade (3-3.1), students will classify rocks as sedimentary, metamorphic, or igneous and will identify the components of soil.

**It is essential for students to** know that rocks and sand can be classified by their physical appearance.

- Examples of physical appearances used to classify rocks and sand might include color, size and shape, texture (rough or smooth), shiny or dull.

**It is not essential for students to** learn about fossil rocks at this grade level. Students do not need to classify rocks as sedimentary, igneous, or metamorphic.

#### **Assessment Guidelines:**

The objective of this indicator is to *classify* rocks and sand by their physical properties; therefore, the primary focus of assessment should be to determine that something belongs to a category based on its properties. However, appropriate assessments should also require students to *compare* different rocks or sand samples; or *identify* a rock based on given properties.